

EU Declaration of Conformity

19th of May, 2023

Kaunas

Declaring Organization: TELTONIKA NETWORKS UAB
Product Name: 5G Router
Product Model Name: RUTX50

Used frequency range of built-in RF module:

Band	UL f, MHz	DL f, MHz
WCDMA	1	1920-1980
	8	880-915
LTE-FDD	1	1920-1980
	3	1710-1785
	7	2500-2570
	8	880-915
	20	832-862
	28	703-733
LTE-TDD	38	2570-2620
	40	2300-2400
	42	3400-3600
	43	3600-3800
5G NR (SA)	n1	1920-1980
	n3	1710-1785
	n8	880-915
	n20	832-862
	n38	2570-2620
	n41	2496-2690
5G NR (SA, NSA)	n7	2500-2570
	n28	703-733
	n40	2300-2400
	n77	3300-4200
	n78	3300-3800

TELTONIKA NETWORKS UAB
 K. Barsausko st. 66, LT-51436
 Kaunas, Lithuania

Registration code 305579419
 VAT number LT100013223510

Swedbank AB
 LT78 7300 0101 6274 0111
 S.W.I.F.T. HABALT22

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GNSS	GPS L1, L5	1575.42, 1176.45
	Galileo E1, E5	1575.42, 1176.45
	BDS B11	1561.098
	GLONASS G1	1602 + n*0.5625 (n is a satellite's frequency channel number from -7 ~ 6)
Wi-Fi 2.4GHz	1-13	2412-2472
Wi-Fi 5GHz	U-NII-1	5180-5240
	U-NII-2A	5260-5320
	U-NII-2C	5500-5700
	U-NII-3	5745-5825

Transmit Power:

- Wi-Fi 2.4GHz: 18.55 dBm (EIRP)
- Wi-Fi 5GHz: 16.64 dBm (EIRP)
- Wi-Fi 5.8GHz: 13.97 dBm (EIRP)
- WCDMA Band 1/8: 24 dBm
- LTE Band 1/3/8/20/28/38/40: 23dBm
- LTE Band 7: 24dBm
- LTE Band 42/43: 26dBm
- 5G NR Band 1/3/7/8/20/28/38/40: 23dBm
- 5G NR Band 41/77/78: 26dBm

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TELTONIKA NETWORKS UAB, hereby declare under our sole responsibility that the above-described product is in conformity with the relevant Community harmonization: European Directive 2014/53/EU (RED).

The conformity with the essential requirements has been demonstrated against the following harmonized standards:

Harmonized standard reference	Article of Directive 2014/53/EU	Test report No.
EN IEC 62368-1:2020 + A11:2020 EN IEC 62311:2020	Health and safety – Article 3.1(a)	SZES220900574901 SZCR220900328210
EN 55032:2015 + A11:2021 + A1:2020 EN 55035:2017 + A11:2020 EN IEC 61000-3-2:2019 + A1:2021 EN 61000-3-3:2013 + A1:2019 + A2:2021 EN 301 489-1 V2.2.3 EN 301 489-3 V2.1.1 EN 301 489-17 V3.2.4 EN 301 489-19 V2.2.1 EN 301 489-52 V1.2.1	Electromagnetic compatibility – Article 3.1(b)	SZCR220900328201 SZCR220900328202
EN 300 328 V2.2.2 EN 300 440 V2.2.1 EN 301 893 V2.1.1 EN 301 908-1 V13.1.1 EN 301 908-2 V13.1.1 EN 301 908-13 V13.1.1 EN 301 908-25 V15.1.1_15.0.6 EN 303 413 V1.2.1	Efficient use of radio spectrum – Article 3.2	SZCR220900328203 SZCR220900328204 SZCR220900328205 SZCR220900328206 SZCR220900328207 SZCR220900328208 SZCR220900328209

The conformity assessment procedure referred to in Article 17 and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body: SGS North America, Inc., 620 Old Peachtree Road, Ste. 100, Suwanee, GA 30024, United States. Notified Body No.: **NB2906**.

Therefore  is placed on the product.

EU Type Examination Certificate No. **NB2906.2023.000113**

Head of Technical Support Division

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